

ABSTRACT

For a power assisted steering system for vehicles, in particular passenger cars, there is provided a hydraulic circuit with a servopump, a three-way flow regulator valve which is located at the junction between the pump and a servoactuator and has a measuring throttle, located in the inflow to the servoactuator, as a fixed throttle and an outflow throttle which is located in a bypass of the latter and which determines a variable throttle cross section by means of a piston which is charged alternately as a pressure compensator. The piston, which is charged via an active actuator element, changes the outflow throttle cross section as a function of the current applied in order to change the volume flow which passes via the measuring throttle.